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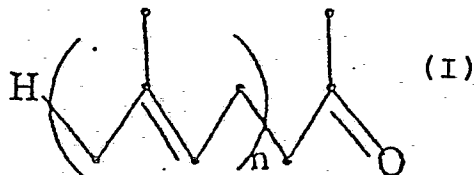
Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number:

0 207 505
A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: **86108986.0**(51) Int. Cl.³: **A 61 K 31/12**(22) Date of filing: **02.07.86**(30) Priority: **04.07.85 JP 145757/85**(43) Date of publication of application:
07.01.87 Bulletin 87/2(88) Date of deferred publication of search report: **20.12.89**(84) Designated Contracting States:
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Hoffmann, Eitle & Partner Patentanwälte Arabellastrasse
4
D-8000 München 81(DE)(54) **Use of a prenyl ketone in the preparation of a medicament against gastritis.**(57) The use of a prenyl ketone compound having the formula
(I) in which n is 3, 4 or 5

in the preparation of a medicament for the treatment and
prophylaxis of gastritis is provided.

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which under Rule 45 of the European Patent Convention shall be considered, for the purposes of subsequent proceedings, as the European search report

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	CHEMICAL ABSTRACTS, vol. 95, no. 25, December 21, 1981, page 88, no. 215545d, Columbus, Ohio, US A. TERANO et al.: "Effect of prostaglandin E2, cimetidine and geranyl-geranyl-acetone on rat gastric mucosal damage" & NIPPON SHOKAKIBYO GAKKAI ZASSHI; 1981, 78(8), 1577-84 * Abstract *	1,2	A 61 K 31/12
X	CHEMICAL ABSTRACTS, vol. 95, no. 19, November 9, 1981; page 48, no. 161943m; Columbus, Ohio, US M. MURAKAMI et al.: "Effects of geranylgeranylacetone on the changes of gastric mucosubstances in rats subjected to cold-restraint stress. Predictable evaluation as an antiulcer drug" & KYOTO-FURITSU IKA DAIGAKU ZASSHI, 1981, 90(6), 453-9 * Abstract *	1,2	A 61 K
INCOMPLETE SEARCH			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims. Claims searched completely: Claims searched incompletely: 1,2 Claims not searched: Reason for the limitation of the search: Claims 1,2 have been searched as though the claims had been drafted in the correct form: Use of the compound for the manufacture of a medicament for the therapeutic application (See Official Journal EPO 3/1985, pages 64-70)			
Place of search The Hague		Date of completion of the search 21-08-1989	Examiner GOETZ
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
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X	CHEMICAL ABSTRACTS, vol. 95, no. 9, August 31, 1981, page 72, no. 73462y; Columbus, Ohio, US K. OHE et al.: "Protection of gastric mucosal barrier by geranylgeranylacetone (6,10,14,18-tetramethyl-5,9,13,17-nonadecatetraen-2-one; E-0671)" & SHINDAN TO CHIRYO, 1981, 69(2), 350-4 * Abstract * --	1,2	
X	ARZNEIM.-FORSCH./DRUG RES., vol. 31(1), no. 5, 1981, pages 799-804 M. MURAKAMI et al.: "Antiulcer effect of geranylgeranylacetone a new acyclic polyisoprenoid on experimentally induced gastric and duodenal ulcers in rats" * Summary; page 804, section "discussion" * --	1,2	
X	EUROPEAN JOURNAL OF PHARMACOLOGY, vol. 77, 1982, pages 113-118, Elsevier/North-Holland Biomed. Press, NL M. FUJIMOTO et al.: "Effects of geranylgeranylacetone on gastrointestinal secretion in rats" * Summary; page 113, section "introduction"; page 118, section "discussion" * --	1,2	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
X	JAPAN. J. PHARMACOL., vol. 38, July 1985, pages 287-293 M. ITO et al.: "Healing-promoting action of teprenone, a new antiulcer agent on ecetic acid ulcer in rats" * Abstract; page 287; pages 291-292, section "discussion" * --	1,2	
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	* Abstract; page 599 - page 600, section "discussion" --	1,2	
	JAPAN. J. PHARMACOL., vol. 32, 1982, pages 299-306 M. MURAKAMI et al.: "Effect of the antiulcer drug geranylgeranylacetone on aspirin-induced gastric ulcers in rats"		
X	* Abstract; page 299; page 303, right-hand column, line 4 - page 304, left-hand column, line 9 *	1,2	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
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X	JAPAN. J. PHARMACOL., vol. 32, 1982, pages 921-924 M. MURAKAMI et al.: "Effect of geranylgeranylacetone (GGA) on gastric lesions induced by topical aspirin plus HCl"		
	* Page 922, right-hand column, line 16 - page 923, left-hand column, line 19; table 1 *	1,2	
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	JAPAN. J. PHARMACOL., vol. 33, 1983, pages 549-556 J. MURAKAMI et al.: "Effect of synthetic acyclic polyisoprenoids on the cold-restraint stress induced gastric ulcer in rats"		
P,X	* Abstract; tables 1,2,3; page 551, right-hand column, line 32 - page 554, left-hand column, line 21 *	1,2	
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P,X	DIGESTION, vol. 35, 1986, pages 182-188; S. Karger AG, Basel, CH A. TERANO et al.: "Protective action of tetraprenylacetone against ethanol-induced damage in rat gastric mucosa"		
	* Abstract; page 182, page 184, left-hand column, line 1 - page 185, right-hand column, line 22 *	1,2	
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
P,X	JAPAN. J. PHARMACOL., vol. 41, May 1986, pages 117-125 M. ITO et al.: "Increasing action of teprenone, a new antiulcer agent, on high-molecular-weight glycoprotein in gastric mucus during the healing process of acetic acid-induced ulcer in rats" * Abstract; page 117, left-hand column, line 1 - page 118, left-hand column, line 16; page 125, left-hand column, lines 2-9; figure 1 * --	1,2	
T	THE MERCK MANUAL, 15th Ed. 1987, Ed. R. Berkow, M.D., Merck & Co., Inc.; pages 734-740; Rahway, N.J. US "Disorders of the stomach and duodenum. Gastritis" * Whole document, esp. pages 734-735 * -----	1,2	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)